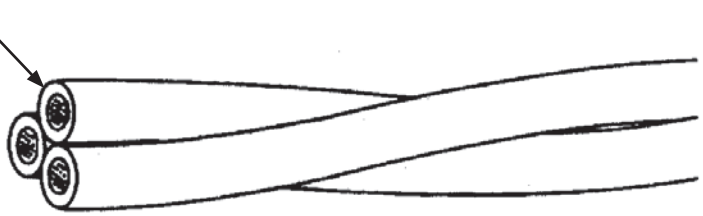
# SPECIFICATION CONTROL DRAWING

**55A0131**

| TITLE | Date | Revision |
|---|---|---|
| THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT | 7-31-09 | C |

This specification sheet forms a part of the latest issue of Raychem Specification 55A.

COMPONENT WIRES - 55A0111



| CABLE CONSTRUCTION DETAILS | | | | |
|---|---|---|---|---|
| PART NUMBER 1/ | CONDUCTOR SIZE (AWG) | OUTSIDE DIAMETER (inches) | | MAXIMUM WEIGHT (lbs/1000 ft.) |
| | | NOMINAL | MAXIMUM | |
| 55A0131-30-* | 30 | .052 | .056 | 2.0 |
| 55A0131-28-* | 28 | .058 | .063 | 2.8 |
| 55A0131-26-* | 26 | .069 | .073 | 4.2 |
| 55A0131-24-* | 24 | .080 | .084 | 6.1 |
| 55A0131-22-* | 22 | .093 | .097 | 8.6 |
| 55A0131-20-* | 20 | .108 | .112 | 13.2 |
| 55A0131-18-* | 18 | .130 | .134 | 19.9 |
| 55A0131-16-* | 16 | .147 | .151 | 25.4 |
| 55A0131-14-* | 14 | .184 | .190 | 39.8 |
| 55A0131-12-* | 12 | .222 | .229 | 60.3 |

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms) at sea level
INSULATION FLAWS:
Spark Test, 5.7 kV (rms) at 3 kHz
Impulse Dielectric Test, 8.0 kV (peak)

PART NUMBER:
The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors. Colors shown do not necessarily reflect the sequence of manufacturing.

1/ Example: AWG 22, black, brown and red component wires:
55A0131-22-0/1/2

NOTE: Nominal values are for information only.
Nominal values are not requirements.

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.
Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.



The TE logo, Tyco Electronics and Raychem are trademarks.

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

Tyco Electronics

Raychem Wire & Cable
501 Oakside Avenue
Redwood City, CA 94063-3800
Phone: 1-800-227-8816
Fax: 1-650-361-6297

© 2009 Tyco Electronics Corporation. All rights reserved.